

AIRPORT CAPITAL GRANTS

During the next decade, the Glendale Airport will continue to grow in response to the business and recreational needs of Glendale and West Valley residents. Like most municipal airports, Glendale's airport relies heavily on federal and state grants to accomplish capital improvements. The grant-funded portion of airport projects has recently changed from 97.5% (95% federal and 2.5% state) to 95.53% (91.06% federal and 4.47% state). The city's match of 4.47% will come from the voter-approved, half-cent sales transportation tax.

The use of FY 2013 airport capital funding is contingent on the city receiving Federal Aviation Administration (FAA) grants. The city will pursue grant funding for projects related to the removal of a blast fence, a runway protection zone land purchase and a capacity study.



Project Name: Airport-Master Plan Update
Funding Source: FAA & ADOT Grants/Transportation Half-Cent Sales Tax
Fund #: 2120
Project #: 79511



FY 2013-2022 CAPITAL IMPROVEMENT PLAN
Fund Summary and Project Detail

FUND SUMMARY: 2120-Airport Capital Grants **Category: Other**

	<u>FY 2013:</u>		<u>FY 2014:</u>	<u>FY 2015:</u>	<u>FY 2016:</u>	<u>FY 2017:</u>	<u>FYs 18-22:</u>
Capital Project Expenses	<u>Carryover</u>	<u>New Funding</u>					
Existing Assets							
<i>Improvement of Existing Assets</i>							
79504 Airport-Security Upgrade	0	0	0	135,000	1,657,500	0	0
79516 Airport-RSA Remove Blast Fence	691,829	0	0	0	0	0	0
T1472 *Airport EA for Channelization	0	0	0	0	0	195,000	0
<i>Replacement of Existing Assets</i>							
79511 Airport-Master Plan Update	0	0	0	0	0	292,500	0
Sub-Total - Existing Assets	691,829	0	0	135,000	1,657,500	487,500	0
New Assets							
79517 Land Purchase	15,000,000	0	0	0	0	0	0
79518 Airport-EA Land Acq. 43 Acres	146,775	150,638	0	0	0	0	0
79519 Airport-Capacity Study	50,000	0	0	0	0	0	0
T1463 Airport-EA East TWY, NW Ramp	0	0	438,750	0	0	0	0
T1469 Airport-Eastside Taxiway	0	0	0	315,000	4,387,500	0	0
T1470 Airport-EMAS Taxiway Pavement	0	0	0	0	63,000	682,500	0
T1471 Airport-EMAS Design/Constr	0	0	0	0	561,600	7,020,000	0
Sub-Total - New Assets	15,196,775	150,638	438,750	315,000	5,012,100	7,702,500	0
Total Project Expenses:	\$15,888,604	\$150,638	\$438,750	\$450,000	\$6,669,600	\$8,190,000	\$0
Total FY 2013 Funding:		\$16,039,242					

PROJECT DETAIL: 2120-Airport Capital Grants **Category: Other**

Project: 79504 - Airport-Security Upgrade (I) **Funding Source:** Grants/City Match

Project Description: These are FAA, ADOT, and city funded projects to enhance airport security designing, acquiring, and installing additional perimeter security cameras and related support equipment.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Miscellaneous/Other	\$0	\$0	\$0	\$135,000	\$1,657,500	\$0	\$0
TOTAL	\$0	\$0	\$0	\$135,000	\$1,657,500	\$0	\$0

Operating Description: No additional O and M is needed at this time.

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2013-2022 CAPITAL IMPROVEMENT PLAN
Fund Summary and Project Detail



PROJECT DETAIL: 2120-Airport Capital Grants

Category: Other

Project: 79516 - Airport-RSA Remove Blast Fence (I)

Funding Source:

Grants/City Match

Project Description:

The FAA runway safety action group has identified the moving of the blast fences in the runway safety area (RSA) at the end of Runway 19 due to a safety hazard.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Design	\$48,149	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$624,998	\$0	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$15,915	\$0	\$0	\$0	\$0	\$0	\$0
Arts	\$2,767	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$691,829	\$0	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed for this project.

Project: T1472* - Airport EA for Channelization (I)

Funding Source:

Grants/City Match

Project Description:

Conduct an Environmental Assessment for channelization of the New River, which is necessary to meet the safety area requirements of the runway.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$195,000	\$0
TOTAL	\$0	\$0	\$0	\$0	\$0	\$195,000	\$0

Operating Description:

No additional O and M is required for this project.

Project: 79511 - Airport-Master Plan Update (R)

Funding Source:

Grants/City Match

Project Description:

The Airport Master Plan was last updated in 2009 and guides the future development of the airport, identifies grant funding opportunities for capital improvements and forecasts aircraft operations. The FAA recommends updates to the master plan every 5-10 years.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$292,500	\$0
TOTAL	\$0	\$0	\$0	\$0	\$0	\$292,500	\$0

Operating Description:

No additional O and M is needed for this project.

Project: 79517 - Land Purchase (N)

Funding Source:

Grants/City Match

Project Description:

Acquire land north of approach to Runway 19 for runway protection zone for the safety of aircraft operations.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Land	\$15,000,000	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$15,000,000	\$0	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

* New Project

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FY 2013-2022 CAPITAL IMPROVEMENT PLAN
Fund Summary and Project Detail

PROJECT DETAIL: 2120-Airport Capital Grants

Category: Other

Project: 79518 - Airport-EA Land Acq. 43 Acres (N)

Funding Source:

Grants/City Match

Project Description:

An environmental assessment, survey, and appraisal are required on the acquisition of 43 acres of land to protect the runway safety area off the end of Runway 19 for aircraft operations.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Miscellaneous/Other	\$146,775	\$150,638	\$0	\$0	\$0	\$0	\$0
TOTAL	\$146,775	\$150,638	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed for this project.

Project: 79519 - Airport-Capacity Study (N)

Funding Source:

Grants/City Match

Project Description:

The capacity study is a joint study between the City of Glendale and John F. Long to determine if there is a need for a second runway.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Miscellaneous/Other	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed for this project.

Project: T1463 - Airport-EA East TWY, NW Ramp (N)

Funding Source:

Grants/City Match

Project Description:

An environmental assessment (EA) is required prior to the construction of an eastside taxiway and northwest ramp for future aviation development on the eastside of the airport property.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Miscellaneous/Other	\$0	\$0	\$438,750	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$438,750	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed for this project.

Project: T1469 - Airport-Eastside Taxiway (N)

Funding Source:

Grants/City Match

Project Description:

Pending an environmental assessment design only for an eastside taxiway and ramps for future expansion of airport facilities that are needed for future growth of forecasted aviation. The taxiway and ramps are for movement of aircraft to hangars and support services.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Miscellaneous/Other	\$0	\$0	\$0	\$315,000	\$4,387,500	\$0	\$0
TOTAL	\$0	\$0	\$0	\$315,000	\$4,387,500	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

* New Project

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FY 2013-2022 CAPITAL IMPROVEMENT PLAN
Fund Summary and Project Detail



PROJECT DETAIL: 2120-Airport Capital Grants

Category: Other

Project: T1470 - Airport-EMAS Taxiway Pavement (N)

Funding Source:

Grants/City Match

Project Description:

Design and pave taxiway on Runway 01 for Engineered Materials Arresting Systems (EMAS) product for the safety of aircraft over running the runway end.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$63,000	\$682,500	\$0
TOTAL	\$0	\$0	\$0	\$0	\$63,000	\$682,500	\$0

Operating Description:

No additional O and M is required for this project.

Project: T1471 - Airport-EMAS Design/Constr (N)

Funding Source:

Grants/City Match

Project Description:

Design and construct Engineered Materials Arresting Systems (EMAS) at Runway's 01 and 19 in the runway safety areas to stop aircraft that are in an emergency situation and have run out of runway length.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$561,600	\$7,020,000	\$0
TOTAL	\$0	\$0	\$0	\$0	\$561,600	\$7,020,000	\$0

Operating Description:

No additional O and M is needed at this time.

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